

FORM PTO-1449 (Rev. 6-89)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 3248		SERIAL NO. 10/646,982 Unknown	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Deborah A. Langer et al.			
				FILING DATE Filed herewith		GROUP Unknown 1714	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CS		2,619,330	11/25/52	Willems et al.	259	96	
		2,858,200	10/28/58	Broughten	44	57	
		3,499,632	3/10/70	Piros	259	4	
		3,756,794	9/4/73	Ford	44	51	
		3,818,876	6/25/74	Voogd	123	25 R	
		3,855,103	12/17/74	McLaren et al.	204	306	
		3,876,391	4/8/75	McCoy et al.	44	51	
		4,146,499	3/27/79	Rosano	252	186	
		4,048,080	9/13/77	Lee et al.	252	51.54	
		4,084,940	4/18/78	Lissant	44	51	
		4,207,078	6/10/80	Sweeney et al.	44	68	
		4,329,249	5/11/82	Forsberg	252	34.7	
		4,368,133	1/11/83	Forsberg	252	75	
		4,433,917	2/28/84	Mendel et al.	366	132	
		4,438,731	3/27/84	Maggio	123	25 N	
		4,447,348	5/8/84	Forsberg	252	75	
		4,452,712	6/5/84	Laemmle	252	49.3	
		4,482,356	11/13/84	Hanlon	44	57	
		4,953,097	8/28/90	Crain et al.	364	502	
		4,561,861	12/31/85	Davis et al.	44	51	
		4,585,461	4/29/86	Gorman	44	53	
		4,613,341	9/23/86	Zaweski et al.	44	57	
		4,621,927	11/11/86	Hiroi	366	132	
		4,629,472	12/16/86	Haney, III et al.	44	51	
		4,697,929	10/6/87	Muller	366	97	
		4,708,753	11/24/87	Forsberg	149	2	
		4,776,977	10/11/88	Taylor	252	314	
		4,892,562	1/9/90	Bowers et al.	44	67	
		4,907,368	3/13/90	Mullay et al.	44	51	
		4,908,154	3/13/90	Cook et al.	252	314	
		4,916,631	4/10/90	Crain et al.	364	502	
		4,938,606	7/3/90	Kunz	366	134	
		4,952,328	4/28/90	Davis et al.	252	32.7 E	
		4,983,319	1/8/91	Gregoli et al.	252	314	
		4,986,858	1/22/91	Oliver et al.	149	109.6	
		5,000,757	3/19/91	Puttock et al.	44	301	
		5,047,175	9/10/91	Forsberg	252	356	
		5,104,621	4/14/92	Pfost et al.	422	67	
		5,279,626	1/18/94	Cunningham et al.	44	331	
		5,352,377	10/4/94	Blain et al.	252	51.5 R	
		5,360,458	11/1/94	Forsberg et al.	44	301	
		5,371,056	12/6/94	Leyrer et al.	502	66	
		5,389,111	2/14/95	Nikanjam et al.	44	300	
		5,389,112	2/14/95	Nikanjam et al.	44	300	
		5,399,293	3/21/95	Nunez et al.	252	314	
		5,404,841	4/11/95	Valentine	123	25 E	
		5,411,558	5/2/95	Taniguchi et al.	44	301	
		5,445,656	8/29/95	Marelli	44	301	

Callie Shusho

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10/646,982INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Deborah A. Langer et al.

FILING DATE
August 22, 2003GROUP
Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
C2	WO 96/26824	9/19/96	PCT			
	WO 99/54426	10/28/99	PCT			
	WO 00/15740	3/23/00	PCT			
	WO 01/97952	12/27/01	PCT			
	WO 02/24842	3/28/02	PCT			
	WO 02/24843	3/28/02	PCT			
	WO 02/26918	4/4/02	PCT			
	WO 02/064708	8/22/02	PCT			
	WO 02/068334	9/6/02	PCT			
	WO 03/064568	8/7/03	PCT			
✓	WO 03/076783	9/18/03	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C2	Search Report from corresponding PCT International Application No. PCT/US2004/026635 filed 17 August 2004 (published as WO 2005/021691A2; International Publication Date: 10 March 2005)
	"Les Lubrifiants Synthetiques: Evolution de la Lubrification", Petrole et Techniques , Association Francaise des Techniciens du Petrole, Paris, FR, no. 371, 1 March 1992 (1992-03-01), pages 6-10, XP000268625, ISSN 0152-5425, page 7
C2	JP2000303875A 31 October 2000, Sekiguchi KK and JP Abstract: Derwent Publications Ltd., London, GB; Class Q52, AN 2001-021875, XP002315970)

EXAMINER

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